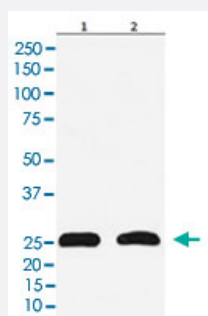


HMGB2 monoclonal antibody, clone ACCF-8

Catalog # MAB22225 Size 100 uL

Applications



Western Blot (Cell lysate)

Western blot analysis of Lane 1: HeLa cell lysate; Lane 2: PC-12 cell lysate.

Specification

Product Description	Rabbit monoclonal antibody raised against synthetic peptide of human HMGB2.
Immunogen	A synthetic peptide corresponding to human HMGB2.
Host	Rabbit
Reactivity	Human, Rat
Specificity	The antibody reacts with human, rat HMGB2, in native form and recombinant. Superfamily members of HMGB2 are not reactive to this antibody.
Form	Liquid
Purification	Affinity purification
Isotype	IgG
Recommend Usage	Immunocytochemistry (1:50-1:200) Immunofluorescence (1:50-1:200) Immunohistochemistry (1:50-1:200) Immunoprecipitation (1:50) Western Blot (1:1000-1:5000) The optimal working dilution should be determined by the end user.

Storage Buffer	In PBS, 150 mM NaCl, pH 7.4 (50% glycerol, 0.02% sodium azide).
Storage Instruction	Store at 4°C for short term storage. For long term storage store at -20°C. Aliquot to avoid repeated freezing and thawing.
Note	This product contains sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.

Applications

- Western Blot (Cell lysate)

Western blot analysis of Lane 1: HeLa cell lysate; Lane 2: PC-12 cell lysate.

- Immunohistochemistry
- Immunocytochemistry
- Immunofluorescence
- Immunoprecipitation

Gene Info — HMGB2

Entrez GeneID	3148
Protein Accession#	P26583
Gene Name	HMGB2
Gene Alias	HMG2
Gene Description	high-mobility group box 2
Omim ID	163906
Gene Ontology	Hyperlink

Gene Summary	This gene encodes a member of the non-histone chromosomal high mobility group protein family. The proteins of this family are chromatin-associated and ubiquitously distributed in the nucleus of higher eukaryotic cells. In vitro studies have demonstrated that this protein is able to efficiently bend DNA and form DNA circles. These studies suggest a role in facilitating cooperative interactions between cis-acting proteins by promoting DNA flexibility. This protein was also reported to be involved in the final ligation step in DNA end-joining processes of DNA double-strand breaks repair and V(D)J recombination. [provided by RefSeq]
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Other Designations

high-mobility group (nonhistone chromosomal) protein 2

Disease

- [Azoospermia](#)
- [Infertility](#)
- [Oligospermia](#)